

## REMARKS/ARGUMENTS

### Regarding the Amendments

Claims 4, 17, 26, 29, 33, 35, 39, 40, 42, 44, 45, and 46 have been canceled.

Claim 3 has been amended to state that alternatively R<sup>1</sup> and R<sup>2</sup> are bonded together to form a diradical that taken with the methylene carbon of formula I formulas a C<sub>3-8</sub> cyclic or heterocyclic ring. Support for amended Claim 3 is found in original Claim 4, now canceled, and at page 2, lines 24-26, of the specification.

Claim 13 has been amended to correct chemical nomenclature. The word "1,2-naphylene" and "1,2-naphthylene" have each been corrected to "1,2-naphthyl." Support for this amendment is found at page 7, line 4, in conjunction with page 6, lines 29-32, of the specification.

Claim 16 has been amended to incorporate a limitation that optionally W is Formula IV. Support for this amendment is found in original Claim 17, now canceled, and at page 7, lines 10-11, of the specification.

Claim 18 has been amended to correct claim dependency, in consideration of canceling Claim 17.

Claim 19 has been amended to delete the subject matter within the parenthesis, which species are covered broadly by the word "halogen," which remains in the claim.

Claims 25, 28, and 32 have been amended to incorporate a limitation that the ligand is selected from the ligand compositions of Claim 18. Support for this amendment is found in original Claims 26, 29, and 33, respectively, all now canceled, and at pages 9 to 11 of the specification.

Claim 34 has been amended to incorporate a limitation that the olefinically unsaturated aliphatic hydrocarbon contains from 2 to about 60 carbon atoms and one or more unsaturated groups. Support for this limitation is found in original Claim 35, now canceled, and at page 19, lines 11-14, of the specification.

Claim 38 has been amended to incorporate a limitation that the carbonylation process is conducted at a molar ratio of ligand to Group VIII transition metal greater than about 1.1/1 and less than about 100/1. Support for this amendment is found in original Claim 40, now canceled, and at page 21, lines 3-7, of the specification.

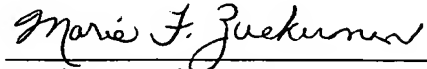
Claim 41 has been amended to incorporate a limitation wherein the total pressure of the carbonylation process is greater than about 1 psia (7 kPa) and less than about 10,000 psia (68,948 kPa). Support for this amendment is found in original Claim 42, now canceled, and at page 21, lines 21-23, of the specification.

Claim 43 is amended to incorporate a limitation wherein the H<sub>2</sub>/CO molar ratio of gaseous hydrogen to carbon monoxide is greater than about 1/10 and less than

about 100/1. Support for this limitation is found in original Claim 44, now canceled, and at page 22, lines 1-3, of the specification.

Applicants believe that the amended claims meet the standards for patentability; therefore, a Notice of Allowance is respectfully requested at the Examiner's earliest convenience.

Respectfully submitted,



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